

To: McKean, Deborah[mckean.deborah@epa.gov]
From: OBrien, Wendy
Sent: Sun 8/9/2015 2:38:14 AM
Subject: RE: CO extension office

Ok. See you then.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8

1595 Wynkoop Street

Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

From: McKean, Deborah
Sent: Saturday, August 08, 2015 8:31 PM
To: OBrien, Wendy
Subject: RE: CO extension office

Sure.

From: OBrien, Wendy
Sent: Saturday, August 08, 2015 8:30 PM
To: McKean, Deborah
Subject: RE: CO extension office

I feel your pain. What time should I plan to get to the office tomorrow? 8 am ok?

Wendy O'Brien, DVM, PhD, DABT

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From: McKean, Deborah
Sent: Saturday, August 08, 2015 8:28 PM
To: OBrien, Wendy
Subject: RE: CO extension office

Probably not tonight. I am home, still working on the most recent data report and trying to wash clothes.

From: OBrien, Wendy
Sent: Saturday, August 08, 2015 8:27 PM
To: McKean, Deborah
Subject: RE: CO extension office

Ok – will do. Thanks and talk to you tomorrow or sooner.

Wendy O'Brien, DVM, PhD, DABT

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From: McKean, Deborah
Sent: Saturday, August 08, 2015 4:48 PM
To: OBrien, Wendy
Subject: RE: CO extension office

That would be great!

Deliberative Process/Ex. 5

From: OBrien, Wendy
Sent: Saturday, August 08, 2015 4:19 PM
To: McKean, Deborah
Subject: RE: CO extension office

Just got off the phone with Darrin Parmenter from CSU extension office. He was glad that I called and we had a good conversation. Here are his concerns:

There are a number of vegetable producers, nurseries, etc in the area that use water from the river

for irrigation; also some pastures that are irrigated with river water. Most, if not all, of these users have shut off intake from the river, so there is no ongoing use right now that he knows of.

To the best of his knowledge, most of them were able to shut off intake before the plume reached the area.

These producers are very concerned about the potential for accumulation of heavy metals in their products (esp vegetables) and the effect of pH. Almost all of them utilize organic growing methods, so their client base is very concerned about contamination. They are concerned about how they know when it is ok to use the water again for irrigation of their crops/produce, etc.

There is also concern about the potential for bioaccumulation of metals in food animals grazed on irrigated pastures, as well as direct toxicity to livestock and horses grazed on irrigated pastures. There is apparently a large horse population in the area.

Darrin has been in contact with a water specialist through CSU on the Western Slope. **He suggested that an organized Q and A session with involved agencies, producers, and other stakeholders be arranged sooner rather than later.** I think he would be happy to help coordinate that, and would help ensure that all the appropriate stakeholders are invited.

Talk to you soon, at some point!

wo

Wendy O'Brien, DVM, PhD, DABT

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From: McKean, Deborah
Sent: Saturday, August 08, 2015 10:52 AM
To: OBrien, Wendy
Subject: RE: CO extension office

First, ask his opinion about the situation. Then share with him your thought on how you feel the contamination concentrations are evaluated. The is he OK with that.

Ask his opinion on recommendations to ranchers and pet owners – see if it jives with what you feel is appropriate.

From: OBrien, Wendy
Sent: Saturday, August 08, 2015 10:50 AM
To: McKean, Deborah
Subject: RE: CO extension office

Ok – thx. Is there anything in particular you need me to address or accomplish with this call? To what extent is the extension office already involved? Unless directed otherwise, my goal will be to reach out to establish contact, answer technical questions, find out what issues/concerns they have, offer to provide assistance, maintain communication, etc.

Wendy O'Brien, DVM, PhD, DABT

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From: McKean, Deborah
Sent: Saturday, August 08, 2015 10:04 AM
To: OBrien, Wendy
Subject: CO extension office

LaPlata County

Darrin Parmenter

970-382-6463

Here is the contact info I have right now. Since it is the office phone #, you may not get to him. Crieg Myer is suppose to get me a cell number. I am still waiting.

Deborah L. McKean, Ph.D.

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